

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Fritz Kirchhofer	Examiner:	Unknown
Application No.:	Unknown	Group Art Unit:	Unknown
Filing Date:	Herewith		
Title:	Cannula/Needle Combination for Subcutaneous Administration of a Substance		

TRANSMITTAL LETTER

BOX PCT
Commissioner for Patents
Washington, D.C. 20231

Express Mail Mailing Label No: EY002479015

Date of Deposit: November 13, 2001

I hereby certify that this paper of fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Dear Sir:

Signature: *B. R. Paul*

The following documents are enclosed in connection with the above-referenced patent application:

1. Transmittal Letter to United States Designated/Elected Office
2. Copy of International Application PCT/CH00/00241;
3. English Language Translation;
4. Verification of Translation;
5. Declaration;
6. Assignment including Recordation Coversheet;
7. Power of Attorney;
8. Submission under 37 C.F.R. § 3.73(b);
9. Checks for \$890.00 and \$40.00; and
10. a Return Receipt Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP

By: *David E. Bruhn*

David E. Bruhn (Reg. No. 36,762)
Suite 1500
50 South Sixth Street
Minneapolis, Minnesota 55402-1498
Telephone: 612-340-6317

Date: Nov 13, 2001

Docket: 14158

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Fritz Kirchhofer	Examiner:	Unknown
Appln. No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith		
Title:	Cannula/Needle Combination for Subcutaneous Administration of an Active Surface		

SUBMISSION UNDER 37 C.F.R. § 3.73(b)

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Express Mail Mailing Label No: EY040214796US

Date of Deposit: November 13, 2001
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Signature: *[Signature]*

Sir:

Disetronic Licensing AG a corporation, is an owner of the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

- From: To:
The document was recorded in the U.S. Patent and Trademark Office at Reel ,
Frame , or a copy of which is attached.
- From: To:
The document was recorded in the U.S. Patent and Trademark Office at Reel ,
Frame , or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of Disetronic Licensing AG.

Dated: November 8, 2001

Signature: *Hanna Maus*
Name: Maus Hanna
Title: Patent Attorney

FORM PTO-1390
(REV. 9-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

14185

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

40/009319

INTERNATIONAL APPLICATION NO.
PCT/CH00/00241INTERNATIONAL FILING DATE
01 May 2000PRIORITY DATE CLAIMED
14 May 1999TITLE OF INVENTION CANNULA/NEEDLE COMBINATION FOR SUBCUTANEOUS ADMINISTRATION OF A
SUBSTANCE

APPLICANT(S) FOR DO/EO/US

KIRCHHOFFER, Fritz and STECH, Jurg

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☒ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Submission under 37 C.F.R. 3.73(b);

Verification of Translation; and
a Return Postcard

U.S. APPLICATION NUMBER 10/009319 NA	INTERNATIONAL APPLICATION NO. PCT/CH00/00241	ATTORNEY'S DOCKET NUMBER 14158
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =		CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; padding: 5px;"> \$ 890.00 </div>
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		<div style="border: 1px solid black; padding: 5px;"> \$ </div>
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	9 - 20 =	0
Independent claims	1 - 3 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		RATE
		x \$18.00
		x \$84.00
		+ \$280.00
TOTAL OF ABOVE CALCULATIONS =		\$ 890.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		SUBTOTAL = \$ 890.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$
TOTAL NATIONAL FEE =		\$ 890.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 40.00
TOTAL FEES ENCLOSED =		\$ 930.00
		Amount to be refunded: \$
		charged: \$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 930.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1420</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.		
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.		
SEND ALL CORRESPONDENCE TO:		
<div style="border-bottom: 1px solid black; display: inline-block; width: 150px;"> </div> SIGNATURE David E. Bruhn NAME 36,762 REGISTRATION NUMBER		

U.S. APPLICATION NUMBER (37 CFR 1.53) NA-07009319		INTERNATIONAL APPLICATION NO. PCT/CH00700241		ATTORNEY'S DOCKET NUMBER 14158	
21 <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO				\$1040.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO				\$890.00	
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO				\$740.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)				\$710.00	
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 890.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$.	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	9 - 20 =	0	x \$18.00	\$.	
Independent claims	1 - 3 =	0	x \$84.00	\$.	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$.	
TOTAL OF ABOVE CALCULATIONS =				\$ 890.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	
SUBTOTAL =				\$ 890.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$.	
TOTAL NATIONAL FEE =				\$ 890.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 930.00	
				Amount to be refunded: \$	
				charged: \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 930.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					

CHECK DATE 11/09/01	DORSEY & WHITNEY LLP 60 SOUTH SIXTH STREET, STE 1500 MINNEAPOLIS, MINNESOTA 55402-1498	CHECK NO. 893741 93-455/929
usbank		CHECK AMOUNT \$*****890.00
Havre, MT 59401		
PAY EIGHT HUNDRED NINETY AND 00/100 Dollars		
TWO SIGNATURES REQUIRED ON CHECK OVER \$200,000.00		
TO THE ORDER OF Director of the United States Patent and Trademark Office		<i>Leslie Junder</i>
		VOID AFTER SIX MONTHS

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